

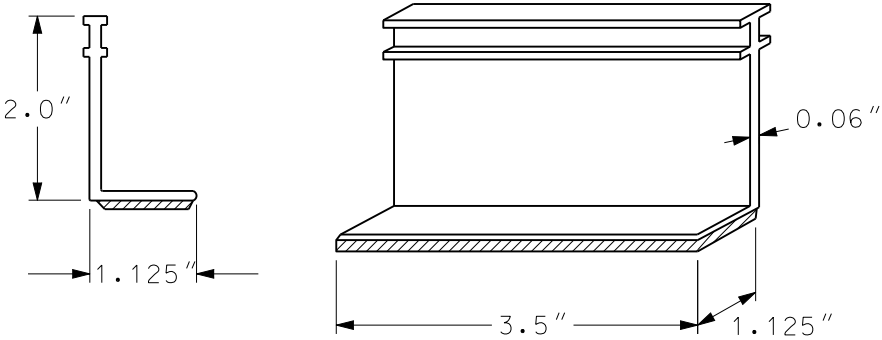
LANE MARKERS
(Spotting tab, seal jobs only)

D-704-3

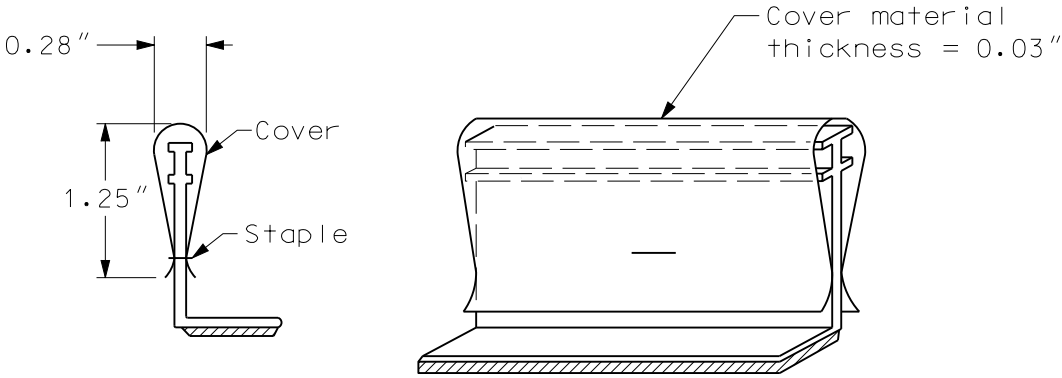
Materials

1. The reflective tape shall be metalized Polycarbonate Microprism Retroreflective material with acrylic backing or equal. The tape shall have a minimum reflectance of 1200 candle power per footcandle per square foot at 1/10° observation and 0° entrance angles.
2. The adhesive tape shall be neoprene foam coated on one side with rubber and on the other side with acrylic adhesive.
3. The marker body and cover shall be manufactured from a Polyurethane material meeting the following requirements:

		ASTM Test Method
Specific Gravity (min)	1:19	D-792
Hardness (min)	80A	D-2240
Tensile strength (min psi)	4600	D-412
Ultimate elongation (min%)	330	D-412
Modulus @ 300% psi	1000	D-412
Stiffness		
@ -20° F (min psi)	1700	D-1053
@ 72° F (min psi)	900	D-1053
Compression set		
22 hrs. @ 70° C (%)	65	0395
Tabor abrasion		
CS 17 wheel wt. loss	3	
(mg/1000 cycles)		



MARKER BODY



MARKER BODY WITH PROTECTIVE COVER

Notes

1. The cover shall be attached to the vertical part of the marker in such a way that traffic will not cause it to detach and so that it may be easily removed manually.
2. The lane line markers shall be installed as shown and prior to the beginning of the seal coat.
3. Immediately after the seal coat is applied, the protective covers shall be removed.
4. The markers shall be removed after permanent pavement striping has been installed.
5. Marker types:
 - Type Y - Yellow body and cover with yellow reflective tape on both sides.
 - Type W - White body and cover with white reflective tape on one side.

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
10-1-86	
REVISIONS	
DATE	CHANGE
07-12-93	Spotting tab
07-02-03	Layout revision
12-01-04	PE stamp added

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